

REMARKS

Claims 1-8 are now pending in the application.

In the office Action, claims 1-8 were rejected under 35 U.S.C. 102(e) as being anticipated by Leung (U.S. 6,636,498).

Leung describes a mobile IP mobile router that includes a Home Agent which receives registration request packets including a care-of address for the mobile router, so that networks associated with the mobile router can be identified. The Home Agent then updates a routing table to associate the identified networks with the care-of address. (Abstract.)

More specifically, Leung describes a system for mobile IP functionality in which, when a mobile router moves to a new location, it constructs a registration request and registers with the Home Agent via a care-of address, so that the Home Agent can update the appropriate tables. (Col. 5, lines 33-39.) A mobile IP environment 202 includes multiple nodes such as 217 which can connect over the internet to a corresponding node 208, when connected to a mobile router 206. The mobile router 206 provides connectivity to multiple networks, some of which may also roam. (Col. 6, lines 12-30.)

However, the system described in Leung does not include a specific relationship between the various nodes, and in particular does not describe a master-slave relationship between a mobile router and a mobile node, in which the mobile router performs a location update of the mobile node when the latter is in a dormant state.

In contrast, claims 1 and 3 recite a mobile router and at least one mobile node, moving in a moving body and in a master-slave relationship, the mobile router performing location update of the mobile node that does not perform the location update, if the mobile node is in a dormant state. As explained in the specification, for example on page 11, line 22 to page 14, line 7, the master-slave relationship between the mobile router and the mobile nodes is depicted in Fig. 1. With respect to claims 4 and 6-8, according to the invention the mobile nodes do not perform the location update, and paging is performed to at least one of the mobile nodes, in a master-slave relationship with the mobile router.

The Leung reference does not describe or suggest a mobile router and mobile nodes that are in a master-slave relationship, and also does not describe or suggest that when the mobile nodes do not perform the location update, paging is performed to at least one of the mobile nodes.

The Office Action suggests, on page 11, that a three-state model for the mobile nodes would be more appropriate. However, applicants respectfully submit that a model having states of “on”, “off”, and “on-but-dormant” would not adequately reflect the invention, because when the mobile node or mobile router is off, paging cannot be performed.

Accordingly, applicants respectfully submit that claims 1, 3, 4 and 6-8 are not anticipated by Leung, and are allowable. The remaining pending claims depend from allowable claims, and at least for that reason are also submitted to be allowable.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #010755.53179US).

Respectfully submitted,

October 15, 2008


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